

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE INK SUPPLY IN AN OFFSET PRINTING MACHINE, AND OFFSET PRINTING MACHINE PROVIDED WITH SUCH A DEVICE

Publication

EP 0142469 B1 19870909 (DE)

Application

EP 84810522 A 19841029

Priority

CH 596583 A 19831104

Abstract (en)

[origin: ES8507044A1] Printed products and their respective corresponding printing plates are divided into a plurality of image elements. For each image element the surface coverage is determined by photoelectric measurements a reference reflectance value is then calculated from these measurements, taking into consideration such parameters as the printing characteristic. These reference reflectance values are compared with the actual reflectance values measured on the printed products and the results of the comparison are evaluated to from a quality measure and to calculate control values for the ink feed devices of the printing machine. In this manner, the use of special color measuring strips may be eliminated.

IPC 1-7

B41F 33/00; **B41F 31/04**

IPC 8 full level

B41F 31/02 (2006.01); **B41F 31/04** (2006.01); **B41F 33/00** (2006.01); **B41F 33/14** (2006.01); **G01J 3/50** (2006.01); **G01N 21/25** (2006.01); **G01N 21/27** (2006.01)

CPC (source: EP US)

B41F 33/00 (2013.01 - EP US); **B41F 33/0027** (2013.01 - EP US); **B41F 33/0036** (2013.01 - EP US)

Cited by

US6611357B2; EP1088660A1; DE4004056A1; EP0505323A1; DE19632969A1; DE19632969C2; DE19701967A1; DE19701967C2; GB2222880A; GB2222880B; DE3925011B4; EP0283899A3; US6679169B2; WO8907525A1; EP2439071A1; WO2012049610A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0142470 A1 19850522; **EP 0142470 B1 19880107**; AT E29434 T1 19870915; AT E31673 T1 19880115; AU 3496684 A 19850509; AU 3496784 A 19850509; AU 577068 B2 19880915; AU 578431 B2 19881027; CA 1217273 A 19870127; CA 1217274 A 19870127; DE 3465930 D1 19871015; DE 3468367 D1 19880211; DK 159958 B 19910107; DK 159958 C 19910603; DK 159959 B 19910107; DK 159959 C 19910603; DK 522184 A 19850505; DK 522184 D0 19841102; DK 522284 A 19850505; DK 522284 D0 19841102; EP 0142469 A1 19850522; EP 0142469 B1 19870909; ES 537314 A0 19850916; ES 537316 A0 19851016; ES 8507044 A1 19850916; ES 8600625 A1 19851016; JP H0522579 B2 19930330; JP H0522580 B2 19930330; JP H0522581 B2 19930330; JP S60110451 A 19850615; JP S60114728 A 19850621; JP S60176765 A 19850910; NO 163601 B 19900319; NO 163601 C 19900627; NO 163602 B 19900319; NO 163602 C 19900627; NO 844368 L 19850506; NO 844369 L 19850506; US 4660159 A 19870421; US 4665496 A 19870512; ZA 848572 B 19850626; ZA 848573 B 19850626; ZA 848574 B 19860730

DOCDB simple family (application)

EP 84810523 A 19841029; AT 84810522 T 19841029; AT 84810523 T 19841029; AU 3496684 A 19841102; AU 3496784 A 19841102; CA 466914 A 19841102; CA 466921 A 19841102; DE 3465930 T 19841029; DE 3468367 T 19841029; DK 522184 A 19841102; DK 522284 A 19841102; EP 84810522 A 19841029; ES 537314 A 19841102; ES 537316 A 19841102; JP 23147184 A 19841105; JP 23147284 A 19841105; JP 23147384 A 19841105; NO 844368 A 19841102; NO 844369 A 19841102; US 66597584 A 19841029; US 66597684 A 19841029; ZA 848572 A 19841102; ZA 848573 A 19841102; ZA 848574 A 19841102